

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Menne et al.

Art Unit: 1635

Application No: 10/528,806

Examiner: Richard Schnizer

Confirmation No: 6218

Filed: June 14, 2006

Atty. Docket No: 37998-237159

For: INHIBITION OF PROTEIN KINASE C
ALPHA FOR THE TREATMENT OF
CARDIOVASCULAR DISEASES

Customer No:

26694
26694

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

References AA, AE, BA, and CA to CJ were cited in the International Search Report for the parent PCT Application. A copy of the search report was submitted with the national stage filing on June 14, 2005.

References, AC-AD and BD-BF were cited in a Office Action during prosecution of the parent German application.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 37998-237159. A duplicate copy of this paper is enclosed.

Dated: July 7, 2006

Respectfully submitted,

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/528,806-Conf. #6218
(Use as many sheets as necessary)				Filing Date	June 14, 2006
Sheet	1	of	2	First Named Inventor	Jan Meene
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	37998-237159

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Page, Column, Lines, Where Relevant Passages or Relevant Figures Appear
AA*	US-5,674,902 A	10-07-1997	Szallasi Zoltan et al.		
AB*	US-2005/0066381 A1	03-24-2005	Molkentin et al.		
AC*	US-5,936,084	08-10-1999	Jirousek et al.		
AD*	US-5,344,841	09-06-1994	Jiang et al.		
AE*	US-6,063,814	05-16-2000	Chang et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number-Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Page, Column, Lines, Where Relevant Passages or Relevant Figures Appear
BA	DE-197 40 384 A1	03-11-1999			
BB	WO-97/07787	03-06-1997			
BC	WO-2005/027629 A2	03-31-2005			
BD	DE-39 24 538 A1	01-31-1991			
BE	DE-698 00 784	04-08-1999			
BF	DE-39 14784 A1	11-08-1990			

*EXAMINER: Initial reference concerned, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹CITE NO.: Those application(s) which are marked with an single apostrophe ('), next to the Cite No. are not supplied (under 37 CFR 1.56(d)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IPF. ²Applicant's unique citation designation number (optional). ³See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the parent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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				Application Number	10/528,806-Conf. #6218
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				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	37998-237159

NON PATENT LITERATURE DOCUMENTS					
Examiner initials	Ctrs No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
CA		Menne, J. et al., "Protein kinase C alpha deficiency ameliorates the development of diabetic nephropathy in mice with streptozotocin-induced hyperglycemia," <i>Kidney and Blood Pressure Research</i> , Bd. 24, Nr. 4-6, 2001, Seite 231			
CB		Menne, Jan et al., "Protein kinase C alpha deficiency ameliorates the development of diabetic nephropathy in mice with streptozotocin-induced hyperglycemia," <i>Journal of the American Society of Nephrology</i> , Bd. 12, Nr. Program and Abstract Issue, September 2001 (2001-09), Seite 151A			
CC		Meier, Matthias et al., "Knockout of protein kinase C alpha protects against the development of albuminuria but not renal hypertrophy," <i>Diabetes</i> , Bd. 52, Nr. Supplement 1, 2003, Seite A50			
CD		Kang, Ningling et al., "Differential expression of protein kinase C isoforms in streptozotocin-induced diabetic rats," <i>Kidney International</i> , Bd. 56, Nr. 5, November 1999			
CE		Database Biosis 'Online' Biosciences Information Service, "Effect of cyclosporin-A on the blood-retinal barrier permeability in streptozotocin-induced diabetes," XP002278387, <i>Mediators of Inflammation</i> , Bd. 9, Nr. 5, 2000, Seiten 243-248, ISSN: 0862-9351			
CF		Database Biosis 'Online' Biosciences Information Service, Philadelphia, PA, June 1998 (1998-08) Koya Daisuke et al., "Protein kinase C activation and the development of diabetic complications," XP002292425			
CG		Database Biosis 'Online' Biosciences Information Service, Philadelphia, PA, October 23, 2001 (2001-10-23) Venugopal Senthil Kumar et al., "alpha-Tocopherol inhibits hyperglycemia-induced superoxide anion release from human monocytes via inhibition of PKC-alpha," XP008034017			
CH		Database Medline 'Online' US National Library of Medicine (NLM), Bethesda, MD, September 1997 (1997-09) Hempel A. et al., "High glucose concentrations increase endothelial cell permeability via activation of protein kinase C alpha," XP002292426			
CI		Database Medline 'Online' US National Library of Medicine (NLM), Bethesda, MD, June 1998 (1998-06), Busuttil S J et al., "Antisense suppression of protein kinase C-alpha and -delta in vascular smooth muscle," XP002292427			
CJ		Database Biosis 'Online' Biosciences Information Service, Philadelphia, PA, September 2001 (2001-09) Takahashi Tomoya et al., "Cyclosporin A promotes hair epithelial cell proliferation and modulates protein kinase C expression and translocation in hair epithelial cells," XP002292428			

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designator number (optional). ³Applicant is to place a check mark here if English language Translation is attached.

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